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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/767,374

DATE: 08/04/2004

TIME: 08:34:31

Input Set : N:\Cr33\RULE60\10767374.raw

Output Set: N:\CRF4\08042004\J767374.raw

1 <110> APPLICANT: Genentech, Inc.
 2 Ashkenazi, Avi J.
 3 Fong, Sherman
 4 Goddard, Audrey
 5 Gurney, Austin L.
 6 Napier, Mary A.
 7 Tumas, Daniel
 8 Wood, William I.
 9 <120> TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
 10 OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
 11 <130> FILE REFERENCE: P1216R1(US)
 12 <140> CURRENT APPLICATION NUMBER: US/10/767,374
 13 <141> CURRENT FILING DATE: 2004-01-29
 14 <150> PRIOR APPLICATION NUMBER: US/09/254,465
 15 <151> PRIOR FILING DATE: 1999-03-05
 16 <150> PRIOR APPLICATION NUMBER: PCT/US98/24855
 17 <151> PRIOR FILING DATE: 1998-11-20
 18 <150> PRIOR APPLICATION NUMBER: US 60/066,364
 19 <151> PRIOR FILING DATE: 1997-11-21
 20 <150> PRIOR APPLICATION NUMBER: US 60/078,936
 21 <151> PRIOR FILING DATE: 1998-03-20
 22 <150> PRIOR APPLICATION NUMBER: PCT/US98/19437
 23 <151> PRIOR FILING DATE: 1998-09-17
 24 <160> NUMBER OF SEQ ID NOS: 30
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 299
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Homo sapiens
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 32 1 5 10 15
 33 Ile Leu Ala Ile Leu Cys Ser Leu Ala Leu Gly Ser Val Thr
 34 20 25 30
 35 Val His Ser Ser Glu Pro Glu Val Arg Ile Pro Glu Asn Asn Pro
 36 35 40 45
 37 Val Lys Leu Ser Cys Ala Tyr Ser Gly Phe Ser Ser Pro Arg Val
 38 50 55 60
 39 Glu Trp Lys Phe Asp Gln Gly Asp Thr Thr Arg Leu Val Cys Tyr
 40 65 70 75
 41 Asn Asn Lys Ile Thr Ala Ser Tyr Glu Asp Arg Val Thr Phe Leu
 42 80 85 90
 43 Pro Thr Gly Ile Thr Phe Lys Ser Val Thr Arg Glu Asp Thr Gly
 44 95 100 105

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45   Thr Tyr Thr Cys Met Val Ser Glu Glu Gly Gly Asn Ser Tyr Gly
46                               110           115           120
47   Glu Val Lys Val Lys Leu Ile Val Leu Val Pro Pro Ser Lys Pro
48                               125           130           135
49   Thr Val Asn Ile Pro Ser Ser Ala Thr Ile Gly Asn Arg Ala Val
50                               140           145           150
51   Leu Thr Cys Ser Glu Gln Asp Gly Ser Pro Pro Ser Glu Tyr Thr
52                               155           160           165
53   Trp Phe Lys Asp Gly Ile Val Met Pro Thr Asn Pro Lys Ser Thr
54                               170           175           180
55   Arg Ala Phe Ser Asn Ser Ser Tyr Val Leu Asn Pro Thr Thr Gly
56                               185           190           195
57   Glu Leu Val Phe Asp Pro Leu Ser Ala Ser Asp Thr Gly Glu Tyr
58                               200           205           210
59   Ser Cys Glu Ala Arg Asn Gly Tyr Gly Thr Pro Met Thr Ser Asn
60                               215           220           225
61   Ala Val Arg Met Glu Ala Val Glu Arg Asn Val Gly Val Ile Val
62                               230           235           240
63   Ala Ala Val Leu Val Thr Leu Ile Leu Leu Gly Ile Leu Val Phe
64                               245           250           255
65   Gly Ile Trp Phe Ala Tyr Ser Arg Gly His Phe Asp Arg Thr Lys
66                               260           265           270
67   Lys Gly Thr Ser Ser Lys Lys Val Ile Tyr Ser Gln Pro Ser Ala
68                               275           280           285
69   Arg Ser Glu Gly Glu Phe Lys Gln Thr Ser Ser Phe Leu Val
70                               290           295

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72 <210> SEQ ID NO: 2

73 <211> LENGTH: 321

74 <212> TYPE: PRT

75 <213> ORGANISM: Homo sapiens

76 <400> SEQUENCE: 2

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77   Met Gly Ile Leu Leu Gly Leu Leu Leu Leu Gly His Leu Thr Val
78       1           5           10           15
79   Asp Thr Tyr Gly Arg Pro Ile Leu Glu Val Pro Glu Ser Val Thr
80               20           25           30
81   Gly Pro Trp Lys Gly Asp Val Asn Leu Pro Cys Thr Tyr Asp Pro
82               35           40           45
83   Leu Gln Gly Tyr Thr Gln Val Leu Val Lys Trp Leu Val Gln Arg
84               50           55           60
85   Gly Ser Asp Pro Val Thr Ile Phe Leu Arg Asp Ser Ser Gly Asp
86               65           70           75
87   His Ile Gln Gln Ala Lys Tyr Gln Gly Arg Leu His Val Ser His
88               80           85           90
89   Lys Val Pro Gly Asp Val Ser Leu Gln Leu Ser Thr Leu Glu Met
90               95          100          105
91   Asp Asp Arg Ser His Tyr Thr Cys Glu Val Thr Trp Gln Thr Pro
92               110          115          120
93   Asp Gly Asn Gln Val Val Arg Asp Lys Ile Thr Glu Leu Arg Val
94               125          130          135

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95      Gln Lys Leu Ser Val Ser Lys Pro Thr Val Thr Thr Gly Ser Gly
96                140                145                150
97      Tyr Gly Phe Thr Val Pro Gln Gly Met Arg Ile Ser Leu Gln Cys
98                155                160                165
99      Gln Ala Arg Gly Ser Pro Pro Ile Ser Tyr Ile Trp Tyr Lys Gln
100                170                175                180
101      Gln Thr Asn Asn Gln Glu Pro Ile Lys Val Ala Thr Leu Ser Thr
102                185                190                195
103      Leu Leu Phe Lys Pro Ala Val Ile Ala Asp Ser Gly Ser Tyr Phe
104                200                205                210
105      Cys Thr Ala Lys Gly Gln Val Gly Ser Glu Gln His Ser Asp Ile
106                215                220                225
107      Val Lys Phe Val Val Lys Asp Ser Ser Lys Leu Leu Lys Thr Lys
108                230                235                240
109      Thr Glu Ala Pro Thr Thr Met Thr Tyr Pro Leu Lys Ala Thr Ser
110                245                250                255
111      Thr Val Lys Gln Ser Trp Asp Trp Thr Thr Asp Met Asp Gly Tyr
112                260                265                270
113      Leu Gly Glu Thr Ser Ala Gly Pro Gly Lys Ser Leu Pro Val Phe
114                275                280                285
115      Ala Ile Ile Leu Ile Ile Ser Leu Cys Cys Met Val Val Phe Thr
116                290                295                300
117      Met Ala Tyr Ile Met Leu Cys Arg Lys Thr Ser Gln Gln Glu His
118                305                310                315
119      Val Tyr Glu Ala Ala Arg
120                320

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122 <210> SEQ ID NO: 3

123 <211> LENGTH: 390

124 <212> TYPE: DNA

125 <213> ORGANISM: Homo Sapien

126 <400> SEQUENCE: 3

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127      cttcttgcca actggtatca ccttcaagtc cgtgacacgg gaagacactg 50
128      ggacatacac ttgtatggct tctgaggaag gcggcaacag ctatggggag 100
129      gtcaagggtca agctcatcgt gcttgtgcct ccatccaagc ctacagttaa 150
130      catccctcc tctgccacca ttgggaaccg ggcagtgctg acatgctcag 200
131      aacaagatgg ttccccacct tctgaataca cctggttcaa agatgggata 250
132      gtgatgccta cgaatcccaa aagcaccggt gccttcagca actcttccta 300
133      tgtcctgaat cccacaacag gagagctggc ctttgatccc ctgtcagcct 350
134      ctgatactgg agaatacagc tgtgaggcac ggaatgggta 390

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136 <210> SEQ ID NO: 4

137 <211> LENGTH: 726

138 <212> TYPE: DNA

139 <213> ORGANISM: Homo Sapien

140 <400> SEQUENCE: 4

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141      tctcagtcct ctcgctgtag tcgcggagct gtgttctgtt tcccaggagt 50
142      ccttcggcgg ctgttgtgct caggtgcgcc tgatcgcat ggggacaaag 100
143      gcgcaagctc gagaggaaac tggtgtgcct cttcatattg gcgatcctgt 150
144      tgtgctccct ggcatggggc agtggttacag ttgcactctt ctgaacctga 200
145      agtcagaatt cctgagaata atcctgtgaa gttgtcctgt gcctactcgg 250

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146      gctttttcttc tccccgtgtg gagtggaaagt ttgaccaagg agacaccacc 300
147      agactcgttt gctataataa caagatcaca gcttcctatg aggaccgggt 350
148      gaccttcttg ccaactggta tcaccttcaa gtccgtgaca cgggaagaca 400
149      ctgggacata cacttgtatg gtctctgagg aaggcggcaa cagctatggg 450
150      gaggtcaagg tcaagctcat cgtgcttgtg cctccatcca agcctacagt 500
151      taacatcccc tcctctgcca ccattgggaa ccgggcagtg ctgacatgct 550
152      cagaacaaga tggttcccca ccttctgaat acacctgggt caaagatggg 600
153      atagtgatgc ctacgaatcc caaaagcacc cgtgccttca gcaactcttc 650
154      ctatgtcctg aatcccacaa caggagagct ggtctttgat cccctgtcag 700
155      cctctgatac tggagaatac agctgt 726
157 <210> SEQ ID NO: 5
158 <211> LENGTH: 1503
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo Sapien
161 <400> SEQUENCE: 5
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163      atgtatccct ccaattgagc accctggaga tggatgaccg gagccactac 100
164      acgtgtgaag tcacctggca gactcctgat ggcaaccaag tcgtgagaga 150
165      taagattact gagctccgtg tccagaaact ctctgtctcc aagcccacag 200
166      tgacaacttg cagcgggtat ggcttcacgg tgccccaggg aatgaggatt 250
167      agccttcaat gccagggttc ggggttctcc tcccatcagt tatatttggt 300
168      ataagcaaca gactaataac cagggaacct atcaaagtag caaccctaag 350
169      taccttactc ttcaagcctg cggtgatagc cgactcaggc tcctatttct 400
170      gcactgccaa gggccagggt ggctctgagc agcacagcga cattgtgaag 450
171      tttgtggtca aagactcctc aaagctactc aagaccaaga ctgaggcacc 500
172      tacaaccatg acataccctt tgaaagcaac atctacagtg aagcagtcct 550
173      gggactggac cactgacatg gatggctacc ttggagagac cagtgtctgg 600
174      ccaggaaaga gcctgcctgt ctttgccatc atcctcatca tctccttggt 650
175      ctgtatgggt gtttttacca tggcctatat catgctctgt cggaagacat 700
176      cccaacaaga gcatgtctac gaagcagcca gggcacatgc cagagaggcc 750
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181      agggcaaaaag tgtctgttaa aaatgcccc ttaggccagg atctgtctgac 1000
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185      cagctgctgg atttgctct gggcccttct agtatctctg ccgggggctt 1200
186      ctggtactcc tctctaaata ccagagggaa gatgccata gcactaggac 1250
187      ttggtcatca tgctacaga cactattcaa ctttggcac ttgccaccag 1300
188      aagacccgag gggaggctca gctctgccag ctgagaggac cagctatatc 1350
189      caggatcatt tctctttctt caggggccaga cagcttttaa ttgaaattgt 1400
190      tatttcacag gccagggttc agttctgctc ctccactata agtctaattgt 1450
191      tctgactctc tcctggtgct caataaatat ctaatcataa cagcaaaaaa 1500
192      aaa 1503
194 <210> SEQ ID NO: 6
195 <211> LENGTH: 319
196 <212> TYPE: PRT

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197 <213> ORGANISM: Homo sapiens
198 <400> SEQUENCE: 6
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201   Arg Val Thr Val Asp Ala Ile Ser Val Glu Thr Pro Gln Asp Val
202       20           25           30
203   Leu Arg Ala Ser Gln Gly Lys Ser Val Thr Leu Pro Cys Thr Tyr
204       35           40           45
205   His Thr Ser Thr Ser Ser Arg Glu Gly Leu Ile Gln Trp Asp Lys
206       50           55           60
207   Leu Leu Leu Thr His Thr Glu Arg Val Val Ile Trp Pro Phe Ser
208       65           70           75
209   Asn Lys Asn Tyr Ile His Gly Glu Leu Tyr Lys Asn Arg Val Ser
210       80           85           90
211   Ile Ser Asn Asn Ala Glu Gln Ser Asp Ala Ser Ile Thr Ile Asp
212       95          100          105
213   Gln Leu Thr Met Ala Asp Asn Gly Thr Tyr Glu Cys Ser Val Ser
214      110          115          120
215   Leu Met Ser Asp Leu Glu Gly Asn Thr Lys Ser Arg Val Arg Leu
216      125          130          135
217   Leu Val Leu Val Pro Pro Ser Lys Pro Glu Cys Gly Ile Glu Gly
218      140          145          150
219   Glu Thr Ile Ile Gly Asn Asn Ile Gln Leu Thr Cys Gln Ser Lys
220      155          160          165
221   Glu Gly Ser Pro Thr Pro Gln Tyr Ser Trp Lys Arg Tyr Asn Ile
222      170          175          180
223   Leu Asn Gln Glu Gln Pro Leu Ala Gln Pro Ala Ser Gly Gln Pro
224      185          190          195
225   Val Ser Leu Lys Asn Ile Ser Thr Asp Thr Ser Gly Tyr Tyr Ile
226      200          205          210
227   Cys Thr Ser Ser Asn Glu Glu Gly Thr Gln Phe Cys Asn Ile Thr
228      215          220          225
229   Val Ala Val Arg Ser Pro Ser Met Asn Val Ala Leu Tyr Val Gly
230      230          235          240
231   Ile Ala Val Gly Val Val Ala Ala Leu Ile Ile Ile Gly Ile Ile
232      245          250          255
233   Ile Tyr Cys Cys Cys Cys Arg Gly Lys Asp Asp Asn Thr Glu Asp
234      260          265          270
235   Lys Glu Asp Ala Arg Pro Asn Arg Glu Ala Tyr Glu Glu Pro Pro
236      275          280          285
237   Glu Gln Leu Arg Glu Leu Ser Arg Glu Arg Glu Glu Glu Asp Asp
238      290          295          300
239   Tyr Arg Gln Glu Glu Gln Arg Ser Thr Gly Arg Glu Ser Pro Asp
240      305          310          315
241   His Leu Asp Gln
243 <210> SEQ ID NO: 7
244 <211> LENGTH: 2181
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens

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The rules require that a line not exceed 72 characters in length. This includes spaces.

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VERIFICATION SUMMARY

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